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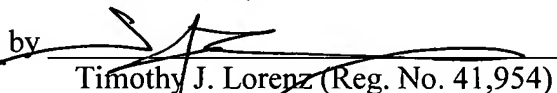
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bengt J. Akerman et al.      Group Art Unit: 2818  
Application No.: 10/609,288      Examiner: Tran, Michael Thanh  
Filing Date: June 27, 2003      Atty Docket No.: 001.0089 (038.0109)  
For: AN MRAM ELEMENT AND METHODS FOR WRITING THE MRAM ELEMENT

**Certificate of Transmission**

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by   
Timothy J. Lorenz (Reg. No. 41,954)

**AMENDMENT AND RESPONSE PURSUANT TO 37 CFR 1.111**

Assistant Commissioner of Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Assistant Commissioner:

In response to non-final Office Action mailed on August 5, 2004, please amend the application as follows and consider the following remarks.

**Amendments to the Claims** are reflected in the listing of the claims, which begins on page 2 of this paper.

**Remarks** begin on page 11 of this paper.